

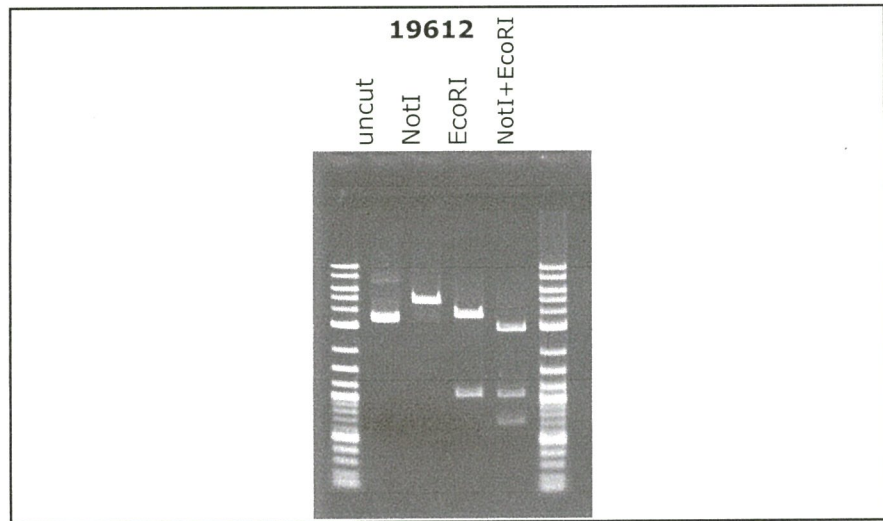
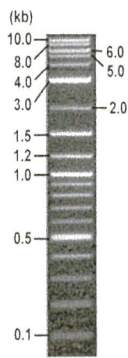


RIKEN DNA BANK

clone name : **tdoxStayGold(c4)/pBS Coupler**

- Clone ID : RDB _ 19612
- Lot : 19612 _ B2Ea
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- Culture : LB medium
- Antibiotics : 100 microgram/ml Ampicillin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

1 kb Plus DNA Ladder
(NEB#N3200L),
250 ng/well



Electrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

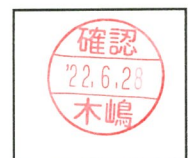
Restriction enzyme	Expected size of fragment
NotI	4.8 kbp
EcoRI	3.7, 1.1 kbp
NotI+EcoRI	3.0, 1.1, 0.7 kbp
	kbp

● Confirmation of the insertion sequence

Please be sure to check our sequence analysis results before your request.

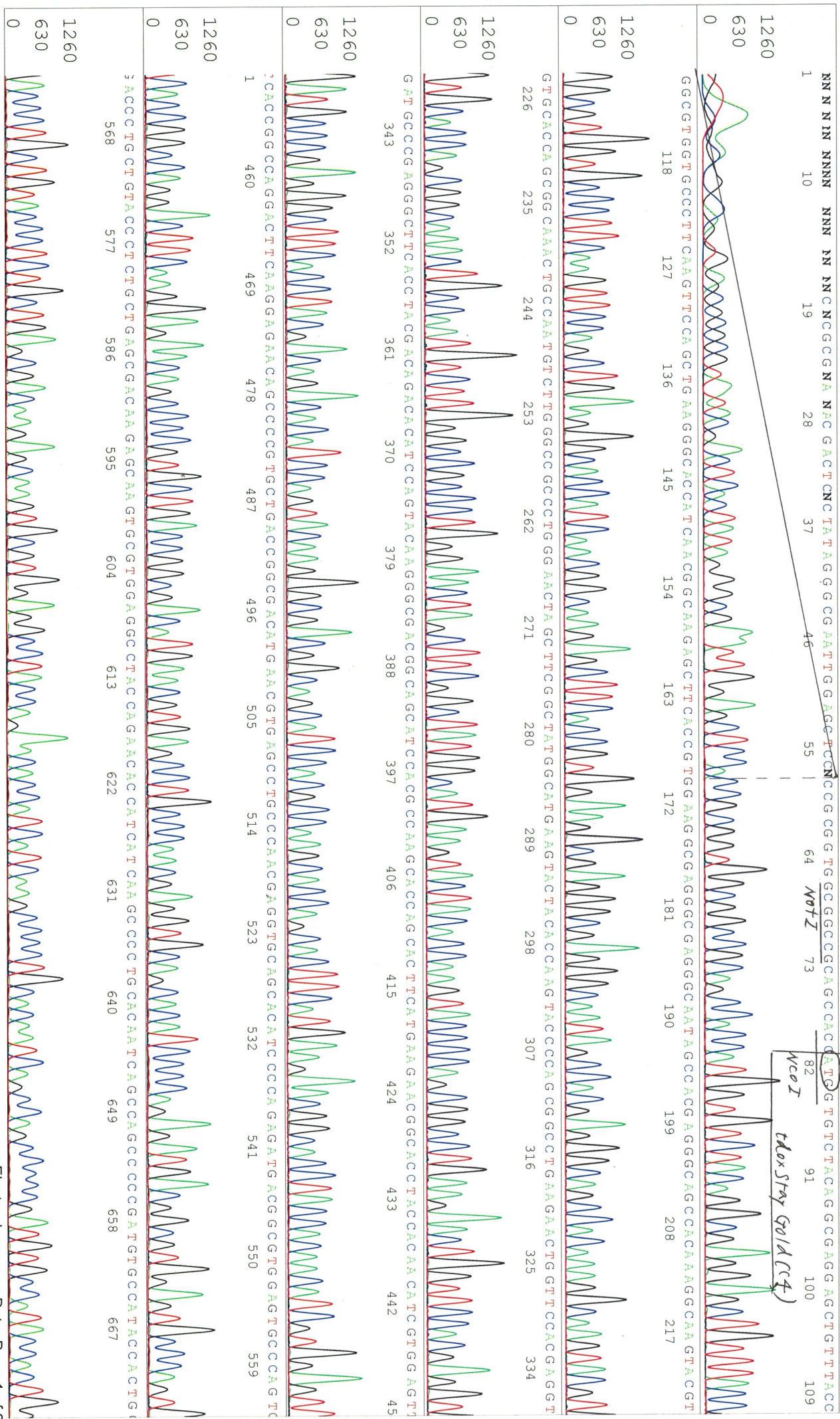
Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0544	pBAC_lac_F	T7 pro,insert 5'
Sequence - B	Pr0100	reverse-2	T3 pro,(GGGGS)x3,insert 3'
Sequence - C	Pr1213	hStayGold_F1	insert mid
Sequence - D	Pr1214	EV_linker_F1	insert mid
Sequence - E	Pr1218	pBR322-ori-R	pBR322 ori 3',AmpR
Sequence - F	Pr0280	f1ori_F	f1 ori,AmpR pro,AmpR
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:969 A:813 T:388 C:836 primer name A : pBAC_lac_F
KB.bcp
KB 1.4.1.8 Cap:11

5- CGCCAGGGTTTCCAGTCAAGAC -3'



S/N G:969 A:813 T:388 C:836

D08836A8_B2Ea_1_pBAC_lac_F

May 24, 2022 02:28PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

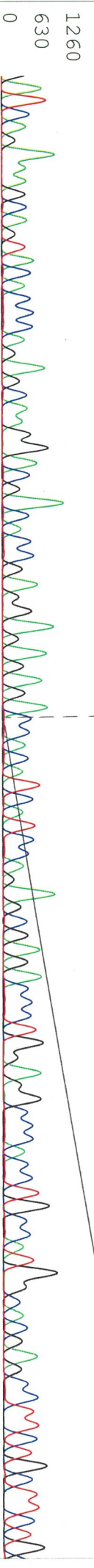
May 24, 2022 02:55PM, JST

KB 1.4.1.8 Cap:11

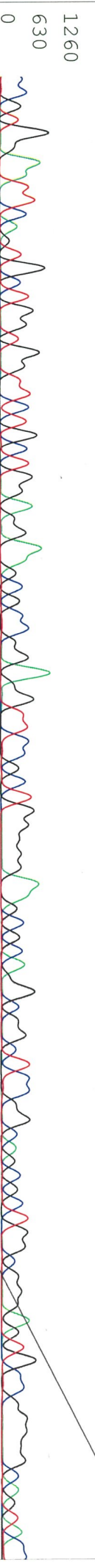
Pts 1327 to 13221 Pk1 Loc:1304

Spacing:11.7 Pts/Panel1350

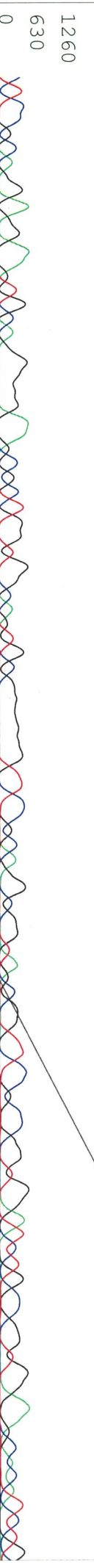
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676 685 694 703 712 721 730 739 748 757 766 775 78



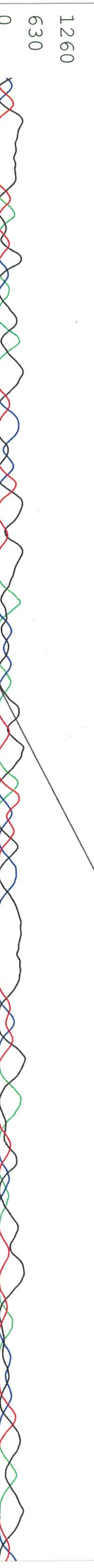
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34 793 802 811 820 829 838 847 856 865 874 883



CTCCGCANGPAGAAAGTGCN NNGGAANCCTGGTGGCAAGTGGGGGGGGTTCCTCCCN NNGGANCGGTTCCTCCNCGANNNTGNCNGNNAACAACNTCTG
892 901 910 919 928 937 946 955 964 973 982



NNGGGGGGNNNNNGNN NNN NGNNNNNNNNNGN NNNNNN NNN NNNNNCGGCGN NNNNN NNNNNNNNN NNNNNNNNN NNNNN
991 1000 1009 1018 1027 1036 1045 1054 1063 1072



NNNNNNNNNN NNN
1081 1090 1099 1108 1117 1126 1135



NN
1144 1153



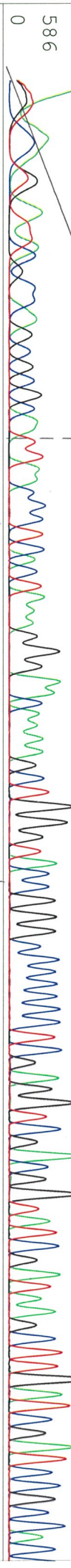
NN
1260 1335

SN G:753 A:711 T:623 C:636 primer name β : reverse-2

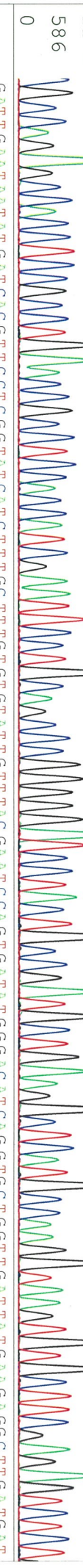
KB.bcp KB_3500_POP7_BDTV3.mob Pts 1329 to 13423 PK1 Loc:1306

KB 1.4.1.8 Cap:14 5'-GCCGATAACAATTTCACACAGG-3' Version 6.0 .HISQV Bases: 983

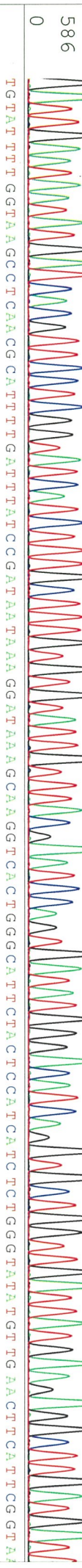
1 NNN NN NN NNNN G CN A G C C C G C C A M T T A A C C C C T C A C T A A A G G A A C A A A A G C T G G G T A C C G G G C C C C C C C T C G A G G T C G A C G G T A T C G A T A A G C T T T G A T C G A T C C G C C A C



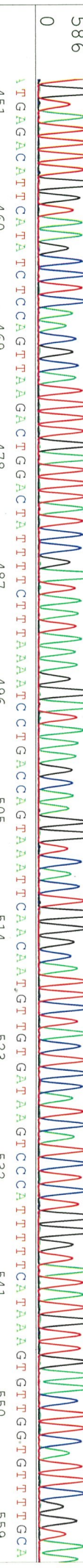
CG CCA GAG C C C C C C T C C C G C C T G A F C C G C C T C C C A C C A T C G A A T T C C T G C A G C C C C G G G A T C C T A C T G C C C G A T G C T G A A G G C T C A T G C C A A G G T A A G T G T C T T C G A G A G T C T C



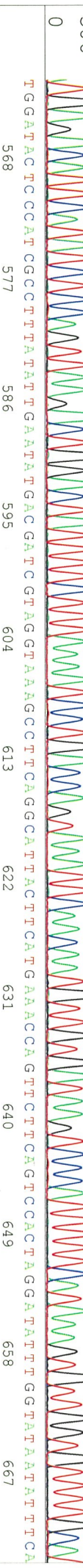
G A T T G A A T A A T A T G A T C A C G T T C C T C G G T A T C A T C T T T G C T T T G T G T A T T G T T T A C G A A T C C A G T G A T A T G G G A C C A T C A G G T G C T G G T T G A T T A T G A A G A G G C T T T G A T G A T



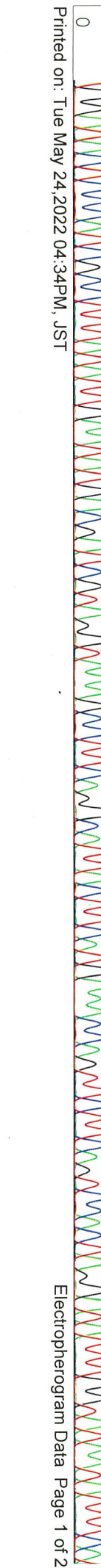
T G T A T T T G G T A A G C C T C A A C G C A T T T T G A T T A T C C G A T A A T A A G G A T A A A G C A A G G T C A C T G G G C A T T C T A C T C C A T C A T C T C T G G G T A T A T G T G A A C T T C A T T C G G T A A



A T G A G A C A T T C A T A T C T C C A G T T A A G A C T G G A C T A T T T T C T T A A A A T C C T G A C C A G T A A T T C A A C A A T G T T G T G A T A A G T C C C A T T T T T C A T A A A G T G T T G G T G T T T T G C A



T G G A T A C T C C C A T C G C C T T T A T A T T G A A T A T G A C G A T C G T A G G T A A A G C C T T C A G G C A T T A C T T C A T G A A A C C A G T T C T T C A G T C C A C T A G G A T A T T T G G T A T A A T T T T C A



S/N G:993 A:680 T:475 C:653

KB.bcp primer name C : hstayGold_F1

KB 1.4.1.8 Cap:17 5'-CCAGGACTTCAAGGAGAACAGC-3'

May 24, 2022 02:28PM, JST

KB.bcp

KB 1.4.1.8 Cap:17

KB_3500_POP7_BDTV3.mob

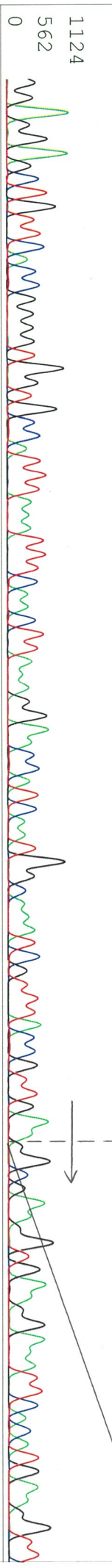
May 24, 2022 02:55PM, JST

Pts 1313 to 13263 PK1 Loc:1290 Version 6.0 .HISQV Bases: 971

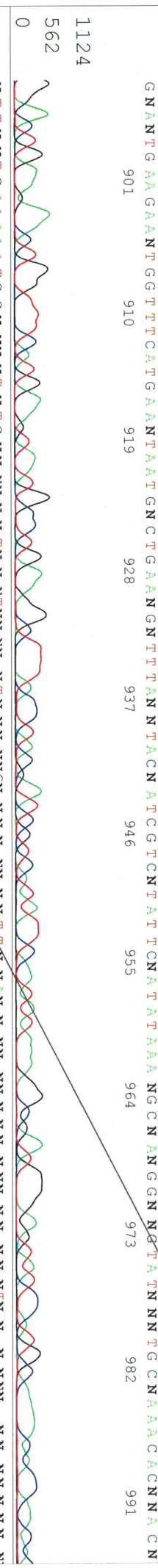
rdx stay Gold (C4)



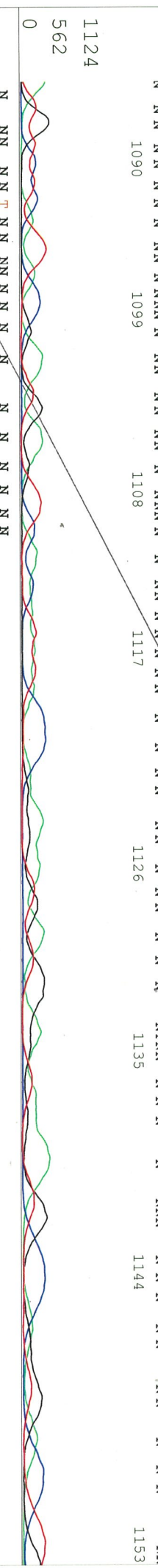
5 GGAGGAGCTGTTCACCGGGGGTGTGCCCATTTAAATTTCAACTAAAGGAACCATCAATGGCAAATCGTTTACCCTGTGAANAGCGAANGTGAAGGAAATTCACATGAAAGCTT
 685 694 703 712 721 730 739 748 757 766 775 784
 793 802 811 820 829 838 847 856 865 874 883 892



CTCATAAAGGAATAATGTTTGTACCAAGTGGAAAACCTACCGATGTCATGGGCAGCACCTGGAAACATCCTTTGGTTATGGAATGAAATATTATACCNAATAATCCCTAN
 901 910 919 928 937 946 955 964 973 982 991



NTTNNTGAAAAATGTGNNNNTTCCNNNNNTNNNTNNNNNGGNNNNNNTTNNANNN
 1000 1009 1018 1027 1036 1045 1054 1063 1072 1081



NNNNNNTNN
 1090 1099 1108 1117 1126 1135 1144 1153

1124
 562
 0

S/N G:735 A:713 T:483 C:492 primer name ϕ : EV_linker_F1

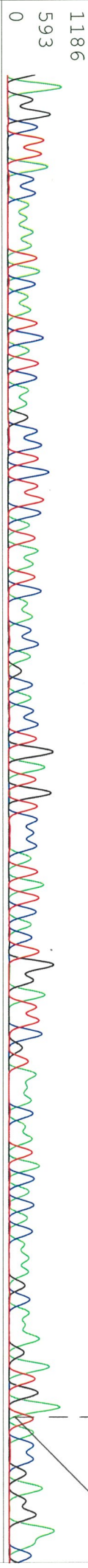
KB.bcp

KB 1.4.1.8 Cap:20

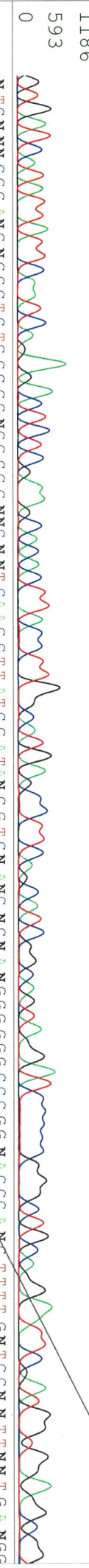
5'-TGCCCGGTGGAAGCACATCTGC-3'



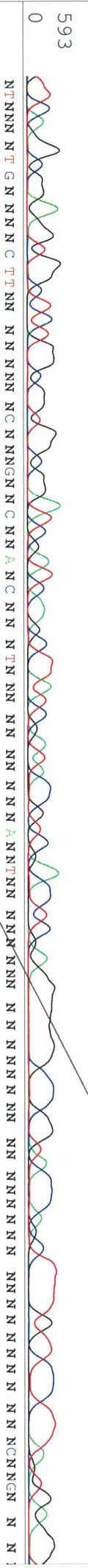
3AGGCTTACC~~AA~~AATACAATCATCAAGCCCTCTTCATAATCAACCAAGCACCTGATGTC~~CC~~ATATCACTGGATTCGTAACAATACACACAAGAACAAGATGANAACCGAGGAA



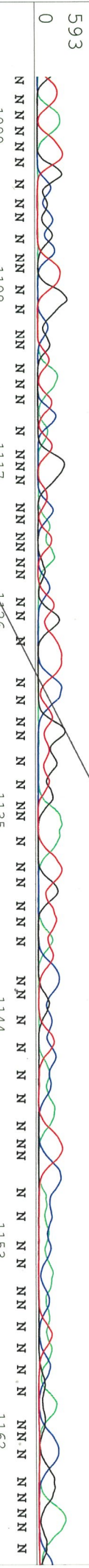
GTGATCATATTATTCAATCAGAGACTCTCGAAGCACACTTACCCTTGGCATGANCCCTTCAAGCATCCGAGTANGATCCNNNGGGCTGCANGAATTCNATGGTGGANGC6G



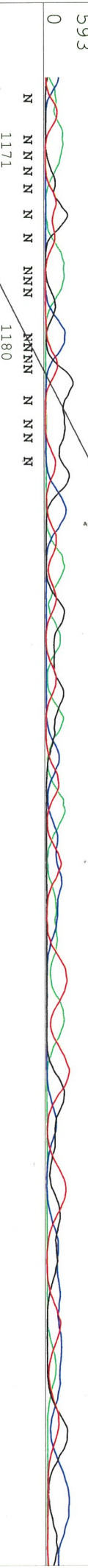
NTCNNCGGANNGGCTCTGGCGGNGGCGGNNC~~NT~~CAAGCTTATCGATANCGTTCNANGNCNANGGGGGGGCCCCGNAACCAACTTTTGN~~TCC~~NTTNTGANGG



NTNNNTGN~~NN~~CTTNNNNNNNCNNNGN~~C~~NNAN~~C~~NNNTNNNNNNANN~~TNN~~NN



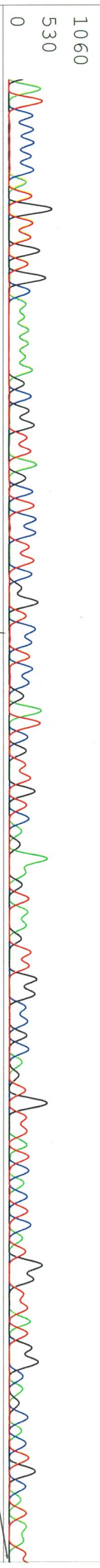
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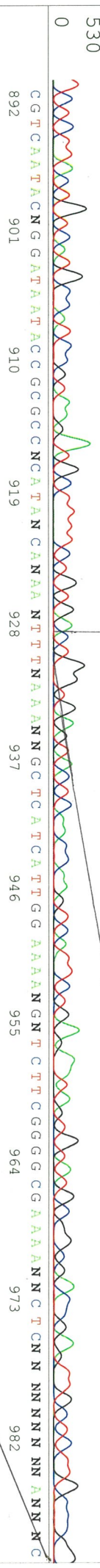
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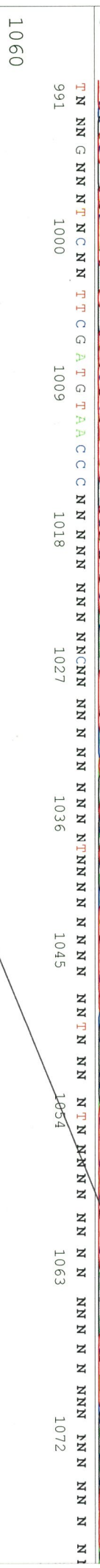
ATCCCCCATGTTGTGCAAAAAGCGGTTAGCCTCTTCGGTCCCTCCGATCGTTGT CAGAGTAAGTTGGCCCGCAGTGTATCACTCATGGTTATGGCAGCACTGCAAT
 576 685 694 703 712 721 730 739 748 757 766 775 784



TCTCTTACTGTGCATGCCCATCCGTAAGATGCTTTCTGTGAN TGGTGAGTACTCAACCAGTCATTTCTGAN AATA GTGTATGCCGCGANCGAN TTGCTCTTGN CN
 793 802 811 820 829 838 847 856 865 874 883



CGTCAATACNGGATAATACCCGCCCNCAATAN CANAA NTTNA AANN GCTCATCATTTGG AAAANGN TCTTCCGGGCGGAAAANN C T CN N NNNNN ANN N
 892 901 910 919 928 937 946 955 964 973 982



TNN GNNNTN CNNTTCTGATGTAACCCNNNNNNNNNNNCNN NNTN NN NTNNNN NN NN N NNNNN NN NN NN NN NN NN NN NN NN NN NN
 991 1000 1009 1018 1027 1036 1045 1054 1063 1072



NN NNN N NNN
 1081 1090 1099 1108 1117 1126 1135



NN NNN
 1144 1153

S/N G:302 A:237 T:234 C:274

primer name *f1 ori_F*

D08836A8_B2Ea_1-f1ori_F
KB_3500_POP7_BDTV3.mob
Pls 1323 to 13285 PK1 Loc:1300

May 27, 2022 03:06PM, JST
May 27, 2022 03:33PM, JST
Spacing:11.82 Pts/Panel1350

KB hcp
KB 1.4.18 Cap:8

5'-AGAAAGGAAGGGAAGAAAGC-3'

Version 6.0, HISQV Bases: 961

Plate Name: 20220527_kitaku

